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PATENT ABSTRACTS OF JAPAN

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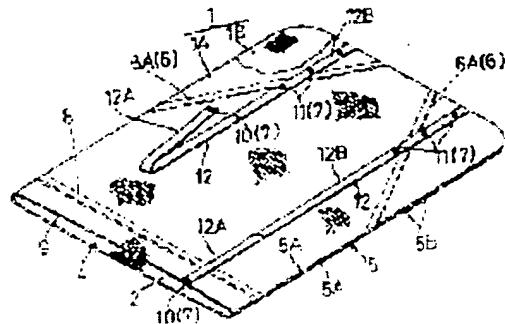
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(54) WASHING NET

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a washing net which can prevent the washing from losing shape or wrinkling, and which allows the work of storing the washing to be performed quickly and easily.

SOLUTION: A first opening 3 for putting the washing in and out is formed along one longitudinal side of the periphery of each net-shaped cloth 1, 2 and along the sides joined to the one longitudinal side, and a fastener 5 for opening and closing the first opening 3 is sewn thereto. A locking means 6 regulating the movement of the washing stored is provided at one longitudinal end of the inside of each net-shaped cloth 1, 2, and a winding stopping means 7 for holding each net-shaped cloth 1, 2 in a rolled position with the other longitudinal end located radially inside is equipped. A second opening 4 is formed on the side of the periphery of each net-shaped cloth 1, 2 at the other longitudinal end, and a first cord-shaped element 8 regulating the movement of the washing A between it and the inner surface of the one net-shaped cloth 1 is provided at the other longitudinal end of the inside of each net-shaped cloth 1, 2.



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CLAIMS

[Claim(s)]

[Claim 1] the shape of both networks by which sewing is carried out to saccate in the state of superposition -- among the periphery sections of the ground While sewing on a fastener which continues the side side which follows at least the side side by the side of an end of a longitudinal direction, and one side of that, forms the 1st opening for washing receipts and payments, and opens and closes this 1st opening A stop attachment means to regulate migration of the contained washing is formed in an end side of an inner longitudinal direction, the shape of said both networks -- the ground -- It is the wash network which holds the ground into a roll volume position wound in the condition that an other end side of a longitudinal direction of that is located in a method of the inside of the direction of a path and which winds and has established a stop means, said shape of furthermore, both networks -- the shape of said both networks -- while forming the 2nd opening the side side by the side of the other end of a longitudinal direction among the periphery sections of the ground -- the shape of said both networks -- the ground -- an other end side of an inner longitudinal direction -- the shape of one network -- a wash network which has prepared the 1st string-like object which regulates migration of the washing between inner surfaces of the ground.

[Claim 2] A wash network according to claim 1 with which two sliders are prepared in said fastener.

[Claim 3] a crosswise both-sides portion of the washing with which said stop attachment means was contained -- the shape of one network -- a wash network according to claim 1 or 2 which consists of the 2nd string-like object of a couple prepared in the shape of [of Ha] a character in the condition of pushing against an inner surface of the ground.

[Claim 4] the shape of said both networks -- the shape of a network located in a method side of outside with a roll volume position among the grounds, while consisting of dual structure of an outside network with the ground coarse [an eye], and an inside network finer [than this outside network] an eye and flexible the shape of a network of another side -- the ground consists of same networks as said inside network -- having -- the shape of a network by the side of a method of said outside -- a wash network according to claim 3 with which said 1st string-like object and 2nd string-like object are sewn on an inner surface of the ground.

[Claim 5] said -- winding -- a stop means -- the shape of said both networks -- a wash network given in any 1 term of claims 1-4 which consist of the engagement section which can be engaged, and two or more engaged sections selectively in two or more locations of a longitudinal direction of the ground.

[Claim 6] the shape of a network located in a method side of outside with said roll volume position -- in an outside surface of the ground A bandage for reinforcement of length which is mostly equivalent to an overall length in a longitudinal direction of that is sewn on in the condition of using an other end side of said longitudinal direction as a tree tree end. In the free free end section of this bandage for reinforcement A wash network according to claim 5 with which said female hook which winds and constitutes the engaged section of a stop means is attached firmly to two or more [by the side of a longitudinal direction end of said bandage for reinforcement] while said male hook which winds and constitutes the engagement section of a stop means is attached firmly.

[Translation done.]

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DETAILED DESCRIPTION

[Detailed Description of the Invention]

[0001]

[The technical field to which invention belongs] This invention relates to the wash network which has formed in detail the opening for washing receipts and payments which can be freely opened and closed with a fastener about the wash network used for the contraction of the washing at the time of washing with a washer, generating of a wash wrinkle and mold collapse, and a list in order to control the adhesion of waste thread to the washing.

[0002]

[Description of the Prior Art] the shape of a network by which sewing is conventionally carried out to flat tubed as this kind of a wash network -- the end side opening of a longitudinal direction is constituted in the opening for washing receipts and payments among the periphery sections of the ground, and while sewing on the fastener which opens and closes this opening to this opening, there are some which sewed the other end side opening of a longitudinal direction on, and formed the pars basilaris ossis occipitalis (for example, refer to JP.60-195690,U).

[0003]

[Problem(s) to be Solved by the Invention] the above-mentioned conventional wash network -- the washing -- the shape of a network -- the inner surface of the ground -- receiving -- shifting -- the free condition which can be moved -- containing -- this shape of and a network, in order to wash with the ground extended even if it prepares a form and contains the washing, extending the wrinkle of that -- the wash-with washer middle -- it is -- this contained washing -- the shape of a network -- the ground -- it inclined, swimming in inside, or round-head relaxation was carried out, and there was a problem from which this causes mold collapse of the washing and a wash wrinkle.

[0004] then, the technology indicated by JP.7-80184,A or JP.7-289778.A -- using -- the shape of said network -- the ground, although it is possible to form the clip which regulates migration of the contained washing, and a hanger in the end side (opening side) of an inner longitudinal direction the shape of in this case, a network -- the ground -- a part for the other end flank of the longitudinal direction of the washing of what can regulate the migration by the side of the end of the longitudinal direction of the washing contained inside by said clip and hanger, since it is in a free migration condition The amount of] of the washing] other end flank is in the middle of wash, and it inclined, or was easy to carry out round-head relaxation, and there was a problem which mold collapse and a wash wrinkle still generate for the washing. And although it is necessary as usual to prepare a form, extending the wrinkle of the contained washing before closing a opening with a fastener in order to control effectively mold collapse and the wash formation of wrinkles of the washing the shape of a network -- the ground -- like the other end side of an inner longitudinal direction -- a opening -- letting it pass -- the shape of a network -- the ground -- in order to have to insert a hand in an inner back side deeply and to have to prepare the form of the washing, there is a problem which invites complicated-ization of the receipt activity of the washing;

[0005] In view of the above-mentioned actual condition, it succeeds in this invention, and by devising the structure of a wash network, things can be carried out and the main technical problem is in the point of offering the wash] which controls mold collapse and the wash formation of wrinkles of the washing] network which can moreover do the receipt activity of the washing promptly and easily.

[0006]

[Means for Solving the Problem] The feature configuration of a wash network of this invention according to claim 1 the shape of both networks by which sewing is carried out to saccate in the state of superposition -- among the periphery sections of the ground While sewing on a fastener which continues the side side which follows at least the side side by the side of an end of a longitudinal direction, and one side of that, forms the 1st opening for washing receipts and payments, and opens and closes this 1st opening A stop attachment means to regulate migration of the contained washing is formed in an end side of an inner longitudinal direction, the shape of said both networks -- the ground -- It is the wash network which holds the ground into a roll volume position wound in the condition that an other end side of a longitudinal direction of that is located in a method of the inside of the direction of a path and which winds and has established a stop means, said shape of furthermore, both networks -- the shape of said both networks -- while forming the 2nd opening the side side by the side of the other end of a longitudinal direction among the periphery sections of the ground -- the shape of said both networks -- the ground -- an other end side of an inner longitudinal direction -- the shape of one network -- it is in a point of having prepared the 1st string-like object which regulates migration of the washing between inner surfaces of the ground, migration of the washing which was contained according to the above-mentioned feature configuration -- the shape of both networks -- the ground -- with stop attachment by said stop attachment means formed in an end side of an inner longitudinal direction the shape of one network of the washing by said 1st string-like object, since it regulates by forcing to an inner surface of the ground the wash middle -- it is -- the washing -- the shape of a network -- the ground -- any by the side of an end of an inner longitudinal direction, or the other end -- >>>> -- things -- it can control -- the shape of both networks -- the ground -- it is easy to maintain until wash ends a position of the washing in which a form was prepared inside, moreover -- since it can let said not only 1st opening but said 2nd opening pass and a form of the contained washing can be prepared -- the shape of both networks -- an other end side of a longitudinal direction of the ground -- also sewing -- the shape of both networks -- a form of the washing can be prepared in the condition that the ground does not become not much obstructive, and length of the washing -- the shape of both networks -- the ground -- case it is longer than the length of an inner longitudinal direction -- the washing -- one] the 1st string-like object and] of one] said] network -- although it is necessary to contain in the condition of having turned up through between inner surfaces of the ground, this activity can also be easily done through said 2nd opening. It is in the middle of wash by holding into a roll

volume position which wound the ground in the condition that an other end side of a longitudinal direction of that is located in a method of the inside of the direction of a path, furthermore -- said -- winding -- a stop means -- the shape of both networks -- The wash network itself which contained the washing is twisted, or the shape not only of it being able to control carrying out round-head relaxation but both networks -- the ground in the condition of having been held at a roll volume position the shape of both networks that forms said 2nd opening -- the shape of both networks to which the side sides by the side of the other end of a longitudinal direction of the ground are located in a method of the outside of the direction of a path -- the ground -- since it will be in a closedown condition mostly by being pushed against a portion, in order to stop the 2nd opening, it is not necessary to sew a fastener etc. on So, mold collapse and the wash formation of wrinkles of the washing are controlled, the thing of them can be carried out, and moreover, while being able to do a receipt activity of the washing promptly and easily, simplification of closedown structure of the 2nd opening can be attained.

[0007] A point that two sliders are prepared in said fastener has the feature configuration of a wash network by claim 2 of this invention. After wash is completed according to the above-mentioned feature configuration The side side by the side of an end of a longitudinal direction of the ground is opened selectively, said both sliders -- aperture actuation -- carrying out -- the shape of both networks among the 1st opening -- this open portion -- letting it pass -- the shape of both networks -- the ground -- by carrying out migration actuation of each of said both sliders at a hook side, and closing said open portion, after a hook of this hanger inserts an established hanger in the condition of projecting outside, inside A clothespole etc. can be made to hang and dry a wash network which contained the washing by the hook of said hanger as it is. So, it can use effectively also as a defense network which it not only uses for mold collapse and the wash formation of wrinkles of the washing in the middle of wash, and a list in order to control adhesion | as opposed to the washing for a wash network] of waste thread, but prevents with | by wind with other washing on which the washing was hung by clothespole etc.] a debt, and length of the washing -- the shape of both networks -- the ground, in being longer than the length of an inner longitudinal direction the shape of one | said 1st string-like object among this washing after wash is completed, and] network -- it can prevent that break into the washing and a peculiarity reaches at the time of desiccation by pulling out and extending outside a portion turned up through between inner surfaces of the ground through the 2nd opening, and drying as it is.

[0008] a crosswise both-sides portion of the washing with which, as for the feature configuration of a wash network of this invention according to claim 3, said stop attachment means was contained -- the shape of one network -- it is in a point which consists of the 2nd string-like object of a couple prepared in the shape of | of Ha] a character in the condition of pushing against an inner surface of the ground. While being able to control bulky | a stop attachment means] as compared with a case where said stop attachment means is constituted from a clip or a hanger according to the above-mentioned feature configuration a case where simplification of structure of a stop attachment means and cheap-ization of a manufacturing cost can be attained, and the washing is moreover clothing with a sleeve -- each of this sleeve -- said every -- the shape of one | the 2nd string-like object and] network -- only by turning up through and a sleeve between inner surfaces of the ground Migration of said clothing with a sleeve is effectively controllable.

[0009] The feature configuration of a wash network of this invention according to claim 4 the shape of said both networks -- the shape of a network located in a method side of outside with a roll volume position among the grounds, while consisting of dual structure of an outside network with the ground coarse | an eye], and an inside network finer | than this outside network] an eye and flexible the shape of a network of another side -- the ground consists of same networks as said inside network -- having -- the shape of a network by the side of a method of said outside -- it is in a point that said 1st string-like object and 2nd string-like object are sewn on an inner surface of the ground according to the above-mentioned feature configuration -- the washing -- the shape of a network of an inside network finer | than an outside network] an eye and flexible and another side -- since it is contained between the grounds, even if it can carry out package washing of the washing gently, it has it and the washing consists of wool yarn or delicate fiber like a silk, it can wash, without damaging the ground of the washing, and trespass of waste thread etc. can also be controlled effectively, the shape of and a network located in a method side of outside with said roll volume position, since an outside surface side of the ground is covered with an outside network with the powerful waist with an eye coarser than an inside network It compares, when it constitutes the ground, though lowering of fluid ability of water or a detergent to an inside network is controlled, since an outside network functions as a protection network to an inside network -- the same network as said an inside network is controlled, since an outside network functions as a protection network to an inside network -- the same network as said an inside network -- the shape of both networks -- the endurance of a wash network to an activity of a repeat -- it can improve -- further -- the shape of both networks -- as compared with a case where both the grounds are constituted from said dual structure, cheap-ization of a manufacturing cost of a wash network can be attained, the shape of moreover, a network located in a method side of outside with a roll volume position, in case the washing is contained since said 1st string-like object and 2nd string-like object are sewn on an inner surface of the ground the shape of a network by the side of this outside surface -- a wave of an inside network accompanying | although a form of this washing will be prepared extending a wrinkle of that where the washing is laid in an inner surface of the ground] this -- inside and a wrinkle twist can be controlled with an outside network with the powerful waist.

[0010] the feature configuration of a wash network of this invention according to claim 5 -- said -- winding -- a stop means -- the shape of said both networks -- it is in a point which consists of the engagement section which can be engaged, and two or more engaged sections selectively in two or more locations of a longitudinal direction of the ground, choosing the engaged section with which said engagement section engages according to the above-mentioned feature configuration -- the shape of said both networks -- a diameter of a volume when making the ground into a roll volume position can be adjusted in a proper path according to ** of the washing, said shape of so, both networks -- while being able to control that originate in the ground winding and being fastened too much, wind around the washing, and a wrinkle occurs -- the shape of said both networks -- it can also be controlled that a volume bundle of the ground is too loose, is in the middle of wash, originate in a roll volume position collapsing, and mold collapse and a wash wrinkle occur for the washing.

[0011] The feature configuration of a wash network of this invention according to claim 6 the shape of a network located in a method side of outside with said roll volume position -- a bandage for reinforcement of length which is mostly equivalent to an outside surface of the ground at an overall length in a longitudinal direction of that While being sewn on in the condition of using an other end side of said longitudinal direction as a tree free end and attaching firmly to the free free end section of this bandage for reinforcement said male hook which winds and constitutes the engagement section of a stop means It is in a point that said female hook which winds and constitutes the engaged section of a stop means is attached firmly to two or more | by the side of a longitudinal direction end of said bandage for reinforcement]. according to the above-mentioned feature configuration -- the shape of both networks of a roll volume position -- in the condition that a male hook engages with said female hook, even if external force to a method of the outside of the direction of a path acts on the ground an end side of a bandage with which said male hook is attached firmly from ***** which the external force catches with a bandage for reinforcement, for example -- the shape of a network -- an outside surface of the ground -- ** arrival -- carrying out -- and said bandage for reinforcement, like | at the time of attaching firmly to the ground directly] the female hook -- the shape of a network by the side of a method of outside -- like |

shape of a network by the side of a method of outside -- it can control that said external force acts on a firm attachment portion of a bandage in the ground, and a firm attachment portion of a female hook intensively, and these firm attachment portion is damaged.

[0012]

[Embodiment of the Invention] the couple by which drawing 1 - drawing 5 show the desirable operation gestalt of the wash network of this invention, and sewing is carried out to saccate in the state of superposition -- almost -- the shape of a rectangle-like network -- with the side side by the side of the end of a longitudinal direction among the periphery sections of the grounds 1 and 2 While continuing the both-sides side which follows it and forming the 1st opening 3 for washing receipts and payments The overall length of that is covered the side side by the side of the other end of a longitudinal direction, the 2nd opening 4 is formed, and the slide fastener 5 which is an example of the fastener which opens and closes this 1st opening 3 on the opening edge of said 1st opening 3 is sewn on, it is shown in drawing 2 -- as -- the shape of said both networks -- the ground 1 -- if it puts in another way in 2 -- the shape of both networks -- between the phase opposed faces of the grounds 1 and 2 it constitutes in the storage space S of the washing A contained through said 1st opening 3 -- having -- the shape of both] networks -- to the ground 1 and end side of the longitudinal direction in two while establishing a stop attachment means 6 to regulate migration of the contained washing A, it is shown in drawing 5 -- as -- the shape of said both networks -- the shape of one [among the grounds 1 and 2] network -- in the outside surface of the ground 1 this outside surface -- the method of the outside of the direction of a path -- carrying out -- the shape of both networks -- the other end side of the longitudinal direction of that holds the grounds 1 and 2 into the roll volume position wound in the condition of being located in the method of the inside of the direction of a path -- it winds and the stop means 7 is established, said shape of furthermore, both networks -- the side side by the side of the other end of a longitudinal direction among the periphery sections of the grounds 1 and 2 while covering the overall length and having formed the 2nd opening 4 -- the shape of both networks -- to the ground 1 and other end side of the longitudinal direction in two the shape of one [which is located in the method side of outside with said roll volume position / said] network -- the 1st string-like object 8 which consists of textiles of the shape of a common tape which regulates migration of Washing A between the inner surfaces of the ground 1 (the shape of a network by the side of the method of the following and outside -- it is indicated as the ground 1) is formed.

[0013] It faces across the side side by the side of the end of the longitudinal direction of the grounds 1 and 2, detailed -- the shape of said both networks -- the corner which the grounds 1 and 2 become from the side side by the side of the end of those longitudinal directions, and the side side which follows it -- an arc -- cutting -- **** -- said 1st opening 3 -- the shape of both networks -- about [of the side side of the side side which follows one side of that which follows an overall length and another side mostly] -- one third is covered and it has formed in the shape of alligator, said shape of furthermore, both networks -- the portion except the 1st opening 3 of the periphery sections of the grounds 1 and 2, and the 2nd opening 4 -- the shape of these both networks -- the ground 1 and two comrades are mutually sewn on, moreover, the opening edge of said 2nd opening 4 -- meeting -- the shape of both networks -- ** arrival of the cloth tape 9 for the reinforcement for preventing a fray of the grounds 1 and 2 and reinforcing this opening edge has been carried out.

[0014] the shape of both networks that carries out phase opposite of the zipper tape 5A of the couple which said slide fastener 5 equips with a fitting child among the 1st opening 3 -- it sews on along with each of the side edge of the portion of the grounds 1 and 2 non-sewn on, and two slider 5B which both carries out switching operation of this slide fastener 5 to it constituted at this slide fastener 5 is prepared.

[0015] the crosswise both-sides portion of the washing A with which said stop attachment means 6 was contained by said storage space S -- the shape of both networks -- the shape of a network by the side of the method of outside among the grounds 1 and 2 -- it consists of 2nd string-like object 6A of the couple which consists of textiles of the shape of a common tape established in the shape of [of Ha] a character in the condition of pushing against the inner surface of the ground 1.

[0016] it is shown in drawing 1 and drawing 4 -- as -- the shape of said both networks -- the shape of a network by the side of the method of outside among the grounds 1 and 2 -- the ground 1 While the eye is constituted from coarse outside network 1A with the strong waist, and this outside network 1A by the dual structure which an eye becomes from two sheets with fine and flexible inside network 1B the shape of a network of another side -- the ground 2 (the shape of a network by the side of the following and inner direction -- it is indicated as the ground 2) is constituted by the single structure which consists of one sheet of the same network as said inside network 1B, the shape of that is, a network by the side of said outside surface -- outside network 1A of the grounds 1 -- the shape of inside network 1B and a network by the side of the method of inside -- the thread which is thicker than knitting-and-weaving ****, and is sticky in the network of the ground 2 -- using -- the shape of this inside network 1B and a network by the side of the method of inside -- the condition of having a bigger stitch than the stitch of the network of the ground 2 -- knitting-and-weaving *****.

[0017] As shown in drawing 2, furthermore, each of the ends of said 1st string-like object 8 the shape of a network by the side of the method of outside -- among the inner surfaces (it being also the inner surface of said inside network 1B) of the ground 1 It has sewn on near the side side of another side near the side side, respectively, the shape of this network -- while continuing the side side by the side of the end of the longitudinal direction of the ground 1 further each of one ends of said both 2nd string-like object 6A the shape of a network by the side of the method of outside -- the shape of this network among the inner surfaces of the ground 1 -- near the side side by the side of the end of the longitudinal direction of the ground 1 it is followed -- the side side near [on the other hand,] -- respectively -- sewing on -- and each of the ends of another side of both 2nd string-like object 6A -- the shape of a network by the side of the method of outside -- the shape of this network among the inner surfaces of the ground 1 -- it has sewn on, respectively near the side side of another side which follows it near the side side by the side of the end of the longitudinal direction of the ground 1, that is, said 1st string-like object 8 and 2nd string-like object 6A -- the shape of both networks -- the condition which the inner surfaces of the grounds 1 and 2 estranged -- it is -- both -- the shape of a network by the side of the method of outside -- it constitutes so that it may be located in the inner surface side of the ground 1.

[0018] As shown in drawing 1 and drawing 5, said volume stop means 7 It constitutes from the engagement section 10 which can be engaged, and two or more engaged sections 11 selectively in two or more locations of the longitudinal direction of the grounds 1 and 2, the shape of said both networks -- in detail the shape of a network by the side of the method of outside -- the outside surface of the ground 1 -- it is -- and the two cross direction of that -- the shape of a network by the side of the method of outside -- the bandage 12 for reinforcement which consists of textiles of the shape of a common tape of the length which is mostly equivalent to the overall length in the longitudinal direction of the ground 1 While attaching firmly the male hook made of synthetic resin with which the other end side of said longitudinal direction sews on in the condition of becoming a free free end, and constitutes said engagement section 10 to each of free free end section 12A of these bandages 12 for reinforcement the female hook made of synthetic resin which constitutes said engaged section 11 where regular intervals are separated in longitudinal direction two or more parts by the side of the longitudinal direction end of each bandage 12 for reinforcement (the operation gestalt concerned three places) -- attaching firmly -- these male hook 10 and the female hook 11 -- having

-- said -- it winds and the stop means 7 is constituted, the shape of in addition, a network by the side of the method of outside among said each bandage 12 for reinforcement -- attaching-by-sewing partial 12B sewn on the ground 1 -- the shape of this network -- there is drawing about the unification with outside network 1A and inside network 1B by continuing and sewing on outside network 1A and inside network 1B which constitute the ground 1.

[0019] Next, the case where the sweater of the long-sleeved shirt which is an example of Washing A is washed is explained using the wash network of the operation gestalt concerned, as shown in drawing 2, migration actuation was carried out in the direction which estranges said both slider 5B mutually, the slide fastener 5 of the 1st opening 3 was opened fully, and it had said outside network 1A -- the shape of on the other hand, a network -- the ground 1 -- the bottom -- carrying out -- the shape of both networks -- where the grounds 1 and 2 are extended, it lays in the upper surface and the floor line of a base.

[0020] Said 1st opening 3 is opened in the condition of turning up the ground 2 up, and it is shown in drawing 3 -- as -- the shape of a network by the side of the inner direction -- this 1st opened opening 3 -- letting it pass -- the shape of both networks -- to the ground 1 and the storage space S in two Insert in the condition of being located in the end side of the longitudinal direction of the ground 1, and it extends. Sweater A -- the neck A1 of this sweater A -- the shape of a network by the side of the method of outside -- each housing part A2 of this sweater A -- the shape of a network by the side of said outside surface -- the inner surface of the ground 1, and every -- between 2nd string-like object 6A -- inserting -- this each housing part A2 -- drum section A3 of Sweater A -- turning up -- every, while winding around 2nd string-like object 6A almost the shape of both networks -- the skirt portion of drum section A3 of Sweater A located in the other end side of the longitudinal direction of the grounds 1 and 2, and the cuff portion of a housing part A2 -- the shape of a network by the side of said outside surface -- it inserts between the inner surface of the ground 1, and the 1st string-like object 8 and both 2nd string-like object 6A -- forcing of Sweater A to the side of the outside surface according by this to said 1st string-like object 8 and both 2nd string-like object 6A -- the volume credit to 2nd string-like object 6A -- the shape of the 1st inner surface of the ground 1, and every of each housing part A2 -- the volume credit to 2nd string-like object 6A and a network by the side of an outside surface -- migration of the sweater A string-like object 8 and both 2nd string-like object 6A, and a network by the side of an outside surface -- migration of the sweater A between the inner surfaces of the ground 1 is regulated. Then, a hand is inserted in storage space S through said 1st opening 3 or 2nd opening 4, and a form is prepared, extending the wrinkle of Sweater A. An activity in addition, the skirt portion of drum section A3 of Sweater A and the cuff portion of a housing part A2 -- the shape of a network by the side of an outside surface -- it inserts between the inner surface of the ground 1, and the 1st string-like object 8 -- The activity which prepares the form of the skirt portion of drum section A3 of the sweater A after being inserted in the list, and the cuff portion of a housing part A2 can be done promptly and easily by inserting a hand in storage space S through said 2nd opening 4.

[0021] carrying out migration actuation of the both slider 5B in the direction which approaches mutually, after preparing the form of Sweater A -- the 1st opening 3 -- the slide fastener 5 -- the shape of closing and both networks of Sweater A -- the receipt to the ground 1 and the storage space S in two is completed, the shape of then, both networks by which said sweater A was contained as shown in drawing 5 -- the other end side of the longitudinal direction of that the grounds 1 and 2 in the condition of being located in the method of the inside of the direction of a path Engage with the female hook 11 of arbitration the male hook 10 attached firmly to the roll volume position by making the ground 1 into an outside at free free end section 12A of winding and each of said bandage 12 for reinforcement, and each bandage 12 for reinforcement is connected in the shape of a loop, the shape of a network by the side of an outside surface -- the shape of bandage 12 for reinforcement is connected in the shape of a loop, the shape of a network by the side of an outside surface -- the shape of both networks -- the grounds 1 and 2 are held into a roll volume position, it supplies in a washer in the condition, and wash is started

[0022] said shape of in addition, both networks, in case the grounds 1 and 2 are held into a roll volume position In the condition of having tied in the shape of a loop, each bandage 12 for reinforcement the loop length of the bandage 12 for these reinforcement The grounds 1 and 2 wind and it is fastened, and it passes and winds around the contained sweater A, the shape of both networks -- a wrinkle occurring or the shape of both networks -- so that the volume bundle of the grounds 1 and 2 is too loose, and is in the middle of wash, and it may become the proper length which is not almost, or a roll volume position does not collapse The female hook 11 in the optimal location of said two or more female hooks 11 is chosen, and the male hook 10 is engaged with this selected female hook 11

[0023] After wash of Sweater A is completed and canceling engagement to drawing, said female hook 11, and the male hook 10 for the wash network with which Sweater A was contained of a washer, migration actuation of said both slider 5B is carried out in the direction estranged mutually, the shape of both networks among said 1st opening 3, as the side side by the side of the end of the longitudinal direction of the grounds 1 and 2 is opened selectively and it is shown in drawing 6 After hook 13A of this hanger 13 inserts the established hanger 13 in the condition of projecting outside, into the ground 1 and 2, migration actuation of each of said both slider 5B is carried out at the hook 13A side, this open portion -- letting it pass -- the shape of both networks -- By closing said open portion, the wash network which contained Sweater A is hung to a clothespole 14 in hook 13A of said hanger 13 as it is, and it dries. That is, it can use as a defense network which prevents with J by the wind of the sweater A contained in said wash network, and other washing hung on the clothespole 14] a debt. In addition, as for said hanger 13, it is desirable to hook on this sweater A directly through the neck A1 of Sweater A.

[0024] By the way, as the washing A which can be washed in the wash network of the operation gestalt concerned, it is not restricted to a long-sleeved sweater, and can be used also for wash of clothing, such as a blouse, a dress, a skirt board, and trousers, or shawl, a muffler, etc.

[0025] in addition, for example, the washing A -- the length of that -- the shape of both networks, in being a dress longer than the ground 1 and the longitudinal direction length in two drum section A3 of this dress A -- the shape of a network by the side of said outside surface, as it inserts between the inner surface of the ground 1, and the 1st string-like object 8 and a two-dot chain line shows in drawing 7 Drum section A3 of a clinch lever is almost wound around the 1st string-like object 8 at the ground 1 and the 2 inside, the shape of both networks -- After preparing among this drum section A3 -- the portion which it begins to see out of the ground 1 and 2 -- the shape of both networks -- After preparing the form of a dress, by closing the 1st opening 3 with the slide fastener 5, it can supply to a washer like wash of said sweater A, and can wash.

[0026] Moreover, although it can dry using the established hanger 13 like desiccation of Sweater A after wash of a dress is completed In this case, it is made to dry in the condition which pulled out outside the portion turned up among drum section A3 through the 2nd opening 4, i.e., the condition of having extended drum section A3, as it is shown in drawing 7 that a wrinkle occurs with desiccation into the portion almost wound around the 1st string-like object 8, in order to avoid.

[Other operation gestalten]
** As said 1st string-like object 8 and 2nd string-like object 6A, it is not limited to common tape-like textiles, and you may be a braid or

*****, and may be a rubber string, and the configuration and configuration of said string-like object 7 can be changed suitably.

** said 1st opening 3 -- the shape of both networks -- the side side by the side of the end of the longitudinal direction of the grounds 1 and 2

2, and the both-sides side which follows it -- almost -- an overall length -- continuing -- you may form -- or said 1st opening 3 -- the shape of both networks -- you may continue and form in a part of side side by the side of the end of the longitudinal direction of the grounds 1 and 2, and side side which follows it.

** said 1st opening 3 -- the shape of both networks -- only by continuing the side side by the side of the end of the longitudinal direction of the grounds 1 and 2, and the side side which follows one side of that, you may form.

** what is limited to 2nd string-like object 6A of said couple as said stop attachment means 6 -- it is not -- said shape of for example, both networks -- the shape of a network on which it is in the condition of having made the grounds 1 and 2 estranging, and said 1st string-like object 8 was sewn -- you may constitute from a clip which can ** it being located in the inner surface side of the ground 1, and stopping the crosswise both-sides portion of the contained washing.

** You may constitute from said belt which wound and was equipped with stop implements, such as a buckle which can change a connection location freely, as a stop means 7.

** Only a piece may be equipped with a slider as said slide fastener. In this case, at the time of desiccation, it hangs to a clothespole 14 on both sides of a wash network with a clip etc.

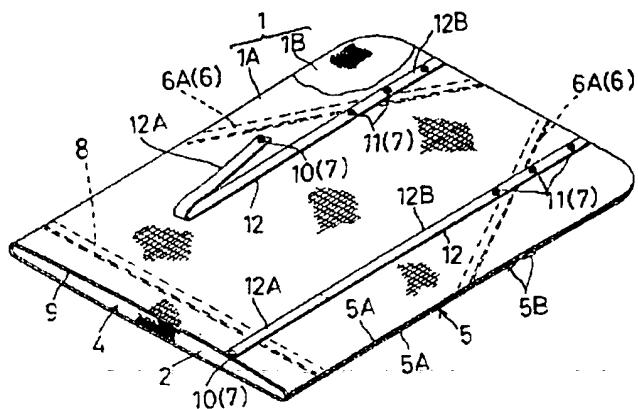
** the shape of said both networks -- the shape of a network located in the method side of inside with a roll volume position among the grounds 1 and 2 -- the ground 2 -- the shape of a network by the side of the method of outside -- you may constitute from dual structure of an outside network with a coarse eye, and an inside network finer [than this outside network] an eye and flexible like the ground 2.

** You may constitute from a male tape equipped with the fiber group of the shape of a hook which constitutes a field fastener for said engagement section 10 and two or more engaged sections 11, and a female mold tape equipped with the loop-like fiber group, and may constitute from two or more engagement rings of the shape of a loop by which a carbon button and this carbon button are applied and are stopped.

** the shape of said both networks -- the configuration of the grounds 1 and 2 is not mostly limited to a rectangle-like thing, may be the shape of a long semicircle, trapezoidal shape, etc., for example, can be changed suitably.

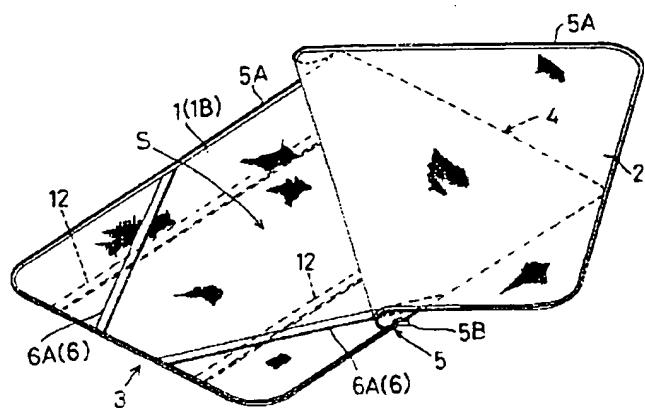
[Translation done.]

Drawing selection Representative drawing



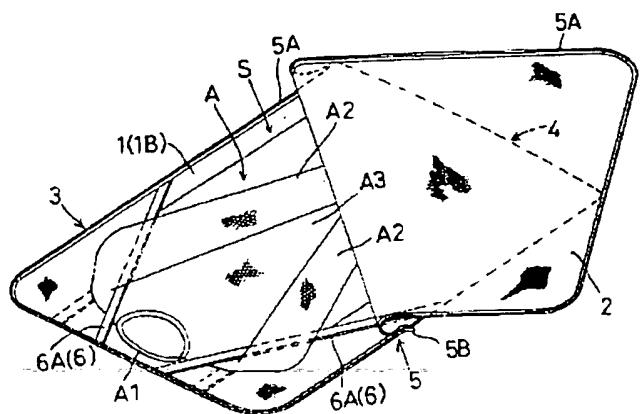
[Translation done.]

Drawing selection drawing 2



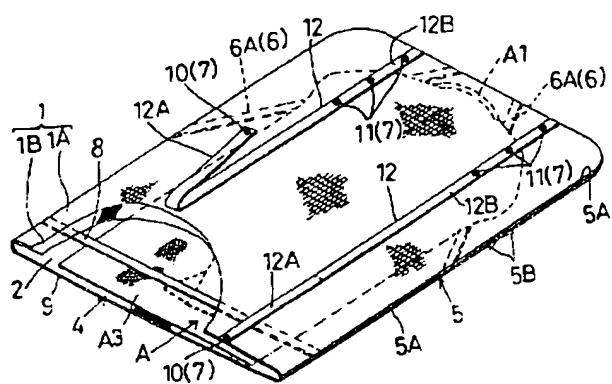
[Translation done.]

Drawing selection drawing 3



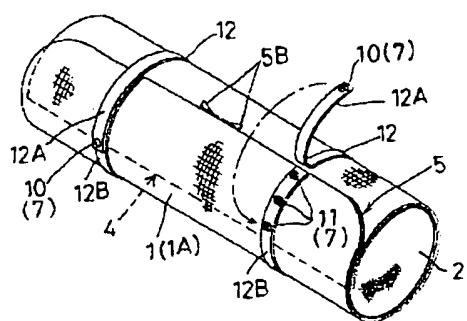
[Translation done.]

Drawing selection drawing 4



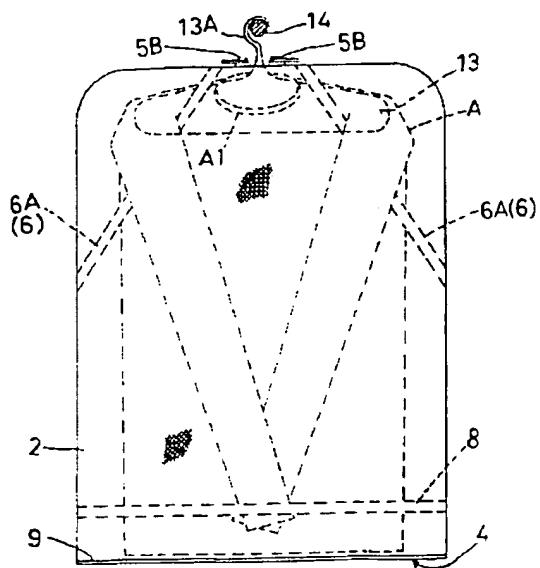
[Translation done.]

Drawing selection drawing 5



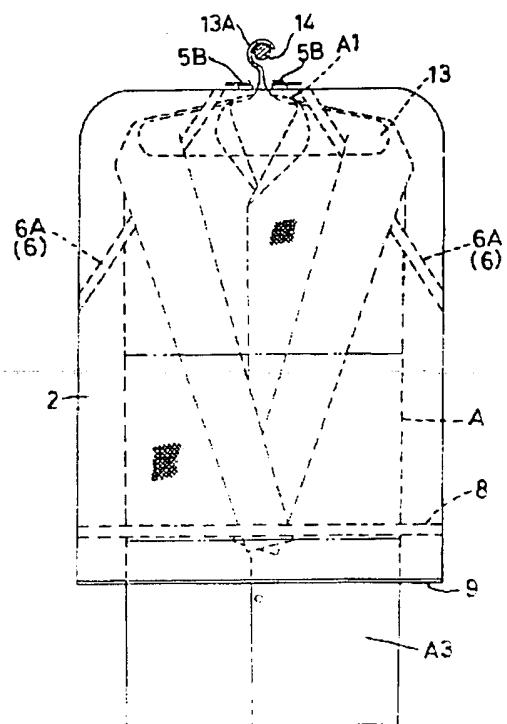
[Translation done.]

Drawing selection drawing 6



[Translation done.]

Drawing selection drawing 7



[Translation done.]